



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
AMENDMENT/RESPONSE TRANSMITTAL

Application of: Richard Eickemeyer et al. : Date: 21 July 2004  
 Group Art Unit: 2183 : IBM Corporation  
 Examiner: Amol V. Gole : Intellectual Property Law  
 Serial No.: 09/894,260 : Dept. 917, Bldg. 006-1  
 Filed: 28 June 2001 : 3605 Highway 52 North  
 Confirmation No.: 5055 : Rochester, MN 55901

Title: SHARED RESOURCE QUEUE FOR SIMULTANEOUS MULTITHREADING  
 PROCESSING WHEREIN ENTRIES ALLOCATED TO DIFFERENT THREADS ARE  
 CAPABLE OF BEING INTERSPERSED AMONG EACH OTHER AND A HEAD  
 POINTER FOR ONE THREAD IS CAPABLE OF WRAPPING AROUND ITS OWN  
 TAIL IN ORDER TO ACCESS A FREE ENTRY

**RECEIVED**

JUL 29 2004

Technology Center 2100

Mail Stop NonFee Amendment  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing is an Amendment/Response in the above-identified Application.



No additional fee is required.



The filing fee has been calculated as follows:

				Other Than Small Entity	
	Claims Remaining After Amendment	Highest Number Previously Paid For	Present Extra	Rate	Additional Fee
Total	13	- 20	0	x \$18.00=	\$ 0.00
Independent	6	- 6	0	x \$86.00=	\$ 0.00
<input type="checkbox"/> First Presentation of Multiple Dependent Claim				\$290.00	\$ 0.00
				<b>TOTAL</b>	<b>\$ 0.00</b>

Certificate of Mailing Under 37 CFR 1.8(a)

I hereby certify that the enclosed or attached correspondence is being deposited with the United State Postal Service as first class mail in an envelope addressed to the Mail Stop NonFee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on 21 July 2004.

Karuna Ojanen

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- Please charge Deposit Account No. 09-0465 in the amount of \$ 00.00, the Additional Fee calculated above. A duplicate copy of this sheet is enclosed.
- The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account 09-0465. A duplicate copy of this sheet is enclosed.
- Any additional filing fees required under 37 C.F.R. §1.16.
- Any patent application processing fees under 37 C.F.R. §1.17.

Date: 21 July 2004

(507) 285-9003 voice  
(507) 252-5345 fax

Respectfully submitted,

By \_\_\_\_\_  
Karuna Ojanen, Attorney  
Registration No. 32,484



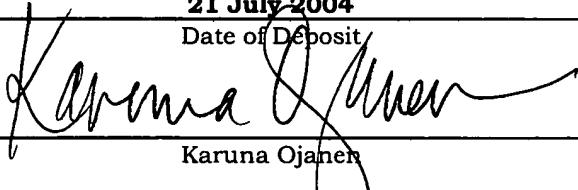
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Serial No.: 09/894,260 : Dept. 917, Bldg. 006-1  
Filed: 28 June 2001 : 3605 Highway 52 North  
Confirmation No.: 5055 : Rochester, MN 55901-7829  
  
Title: SHARED RESOURCE QUEUE FOR SIMULTANEOUS MULTITHREADING  
PROCESSING WHEREIN ENTRIES ALLOCATED TO DIFFERENT THREADS  
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HEAD POINTER FOR ONE THREAD IS CAPABLE OF WRAPPING AROUND  
ITS OWN TAIL IN ORDER TO ACCESS A FREE ENTRY

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<u>21 July 2004</u> Date of Deposit	
 Karuna Ojanen	

**AMENDMENT UNDER 37 CFR 1.111**

**INTRODUCTORY COMMENTS**

In response to the Examiner's Action mailed 21 April 2004 with a shortened  
statutory period set to expire on 21 July 2004, Applicants submit the following  
amendments to the claims and remarks.